

Product datasheet for **AR51683PU-S**

Interleukin-1 alpha / IL-1A (115-270, His-tag) Mouse Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Interleukin-1 alpha / IL-1A (115-270, His-tag) mouse recombinant protein, 0.1 mg |
| Species: | Mouse |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MGSSAPYTYQ SDLRYKLMKL VRQKFVMNDS LNQTIYQDVD KHYLSTTWLN DLQQEVKFDY YAYSSGGDDS KYPVTLKISD SQLFVSAQGE DQPVLLKELP ETPKLITGSE TDLIFFWXS NSKNYFTSAA YPELFIATKE QSRVHLARGL PSMTDFQIS |
| Tag: | His-tag |
| Predicted MW: | 20.4 kDa |
| Concentration: | lot specific |
| Purity: | >85% by SDS - PAGE |
| Buffer: | Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate buffer saline (pH 7.4) containing 10% glycerol. |
| Preparation: | Liquid purified protein |
| Protein Description: | Recombinant mouse IL1a protein, fused to His-tag at N-terminus, was expressed in E.coli. |
| Storage: | Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| RefSeq: | NP_034684 |
| Locus ID: | 16175 |
| UniProt ID: | P01582 , Q3U0Y6 |
| Cytogenetics: | 2 62.9 cM |
| Synonyms: | Il-1a |



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Summary:

Produced by activated macrophages, IL-1 stimulates thymocyte proliferation by inducing IL-2 release, B-cell maturation and proliferation, and fibroblast growth factor activity. IL-1 proteins are involved in the inflammatory response, being identified as endogenous pyrogens, and are reported to stimulate the release of prostaglandin and collagenase from synovial cells. [UniProtKB/Swiss-Prot Function]

Product images: